

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 14:19:41 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED 2 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 2 TO 124

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 ful

FULL SEARCH INITIATED 14:19:46 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 14 TO ITERATE

100.0% PROCESSED 14 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

L3 1 SEA SSS FUL L1

=> d

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS

RN 344395-13-7 REGISTRY

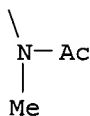
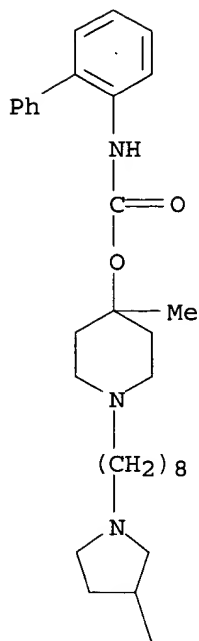
CN Carbamic acid, [1,1'-biphenyl]-2-yl-, 1-[8-[3-(acetylmethylamino)-1-pyrrolidinyl]octyl]-4-methyl-4-piperidinyl ester (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C34 H50 N4 O3

SR CA

LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1957 TO DATE)
1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
153.83	154.04

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 14:20:05 ON 30 APR 2003

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FILE COVERS 1907 - 30 Apr 2003 VOL 138 ISS 18
FILE LAST UPDATED: 29 Apr 2003 (20030429/ED)

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s 13

L4 1 L3

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L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS

AN 2001:435044 CAPLUS

DN 135:46099

TI Preparation of carbamate derivatives having muscarinic receptor antagonist
activity

IN Mammen, Mathai; Oare, David

PA Advanced Medicine, Inc., USA

SO PCT Int. Appl., 138 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001042212	A1	20010614	WO 2000-US33156	20001207
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
				US 1999-456170 A219991207	
	EP 1235802	A1	20020904	EP 2000-983991	20001207
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
				US 1999-456170 A 19991207	
				WO 2000-US33156W 20001207	

PATENT FAMILY INFORMATION:

FAN 2001:435045

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001042213	A1	20010614	WO 2000-US33155	20001207
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				US 1999-456170 A219991207	
	BR 2000015963	A	20020806	BR 2000-15963	20001207
				US 1999-456170 A 19991207	
				WO 2000-US33155W 20001207	
	EP 1235803	A1	20020904	EP 2000-982493	20001207
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NO 2002002683 A 20020702

US 1999-456170 A 19991207
 WO 2000-US33155W 20001207
 NO 2002-2683 20020606
 US 1999-456170 A 19991207
 WO 2000-US33155W 20001207

FAN 2002:315471

PATENT NO.

KIND

DATE

APPLICATION NO.

DATE

PI US 2002049195

A1

20020425

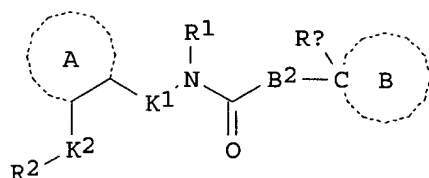
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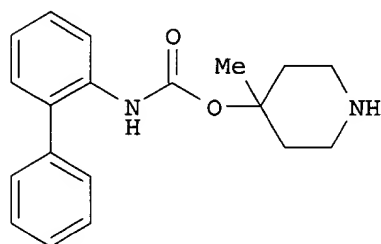
US 1999-456170 B219991207

OS MARPAT 135:46099

GI



II



III

AB The title compds. L1XL2 [I; L1 = II (A = (hetero)aryl; B2 = O; Rx = alkyl, alkenyl, alkynyl, etc.; R1 = H, alkyl; R2 = heterocyclyl, etc.; K1 = a bond, alkylene, K2 = a bond, CO, SO2, etc.; B = heterocycloamino, heteroarylamino); X = a linker; L2 = an org. group comprising at least one primary, secondary or tertiary amine] which are muscarinic receptor antagonists and agonists, were prepd. and formulated. E.g., a 3-step synthesis of III was given. Biol. data for compds. I were given.

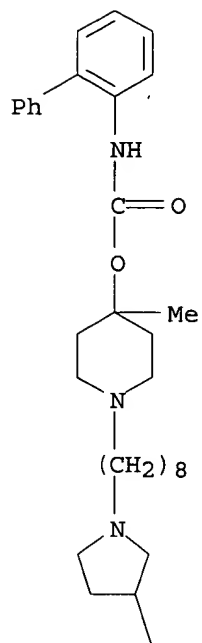
IT 344395-13-7P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of carbamate derivs. having muscarinic receptor antagonist activity)

RN 344395-13-7 CAPLUS

CN Carbamic acid, [1,1'-biphenyl]-2-yl-, 1-[8-[3-(acetylmethylamino)-1-pyrrolidinyl]octyl]-4-methyl-4-piperidinyl ester (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A

